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State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

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Inspection Report

Supervisor DEH

Minerals Regulatory Program

Date of Report: April 30, 2007

Mine Name: Cameron #1

Operator Name: Temple Mountain Energy

Permit number: S0470036

Inspection Date: April 18, 2007

Time: 3:10-4:30 PM

Inspector(s): Paul Baker and Daron Haddock

Other Participants: Jim Runquist and David Bower

Mine Status: Active

Weather: Cloudy, 50s, very
windy

Elements of Inspection

	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

The main purpose of the inspection was to look at an area the operator graded and seeded to abate cessation order MC2006-03-14-01.

Inspection Summary:

1. Permits, Revisions, Transfer, Bonds

On February 27, 2007, the operator submitted a new operations map showing the area that will be used for operations together with areas that have been recently reclaimed. The Division approved this map on March 21, 2007.

On April 11, 2006, the Division received a Notice of Intention to Commence Large Mining Operations, and the Division's review was sent June 29, 2006. The operator responded March 23, 2007, and the Division has not yet reviewed this submittal.

The operator has proposed a new small mine, S0370088, the TME AR Lecy Mine, near the existing mine. During the inspection, we looked at some of the area that would be disturbed by this operation (Photo 7). This area has some asphalt outcrop, but most of the area has some soil, including cryptogamic soil. On April 18, 2007, the Division sent a letter to the operator finding the notice complete and stating that a reclamation surety needs to be submitted.

5. Roads (maintenance, surfacing, dust control, safety)

Previously, the entrance road was paved to a point where a previous operator had some processing and loading equipment. The road has now been paved to the mine, including a loading area next to the mine.

10. Revegetation

Most of the grading in the reclaimed areas was completed in December 2006, and I believe seeding was finished by February 13, 2007. I understood the operator would use a seed mix that included Russian wild rye, crested wheatgrass, Indian ricegrass, Palmer penstemon, and fourwing saltbush; however, we found some legume seedlings indicating a different mix might have been used. We found a moderate number of seedlings, especially in depressions.

The area that was seeded in the fall of 2005 has a lot of halogeton, Russian thistle, and kochia (*Kochia scoparia*), but we found some grass seedlings and small rabbitbrush plants.

12. Other

The operator has built a small shed visible in the left center portion of Photo 3. Additional areas have been mined (Photo 2), and the operator has brought in some processing equipment, including a device to remove a larger proportion of water from the sands.

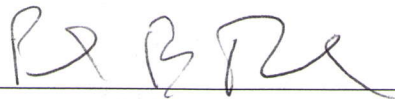
Several areas around the permitted mine have been previously mined, and Mr. Bower and Mr. Runquist pointed out some of these areas. Photo 6 shows an area where there was apparently a hill that was mined. There is a waste dump shown just to the right of center in Photo 5. The lighter colored area near the center of Photo 4 is also a previously disturbed area.

Conclusions and Recommendations:

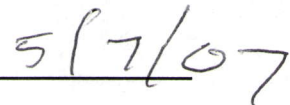
The operator needs to continue to monitor those areas that have been seeded.

I recommend that forage kochia be included in the seed mix for future seedings.

Inspector's Signature



Date:



PBB:pb

cc: Jim Runquist, Temple Mountain Energy

Attachment: Photos

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ATTACHMENT

Photographs

S0470036, Cameron #1 Mine, Temple Mountain Energy

Inspection Dated: April 18, 2007; Report Dated: April 30, 2007



Photo 1 An area that was recently graded and seeded.



Photo 3. This is an overview of the mine and shows some of the processing equipment.



Photo 2. The mine pit is in the foreground.

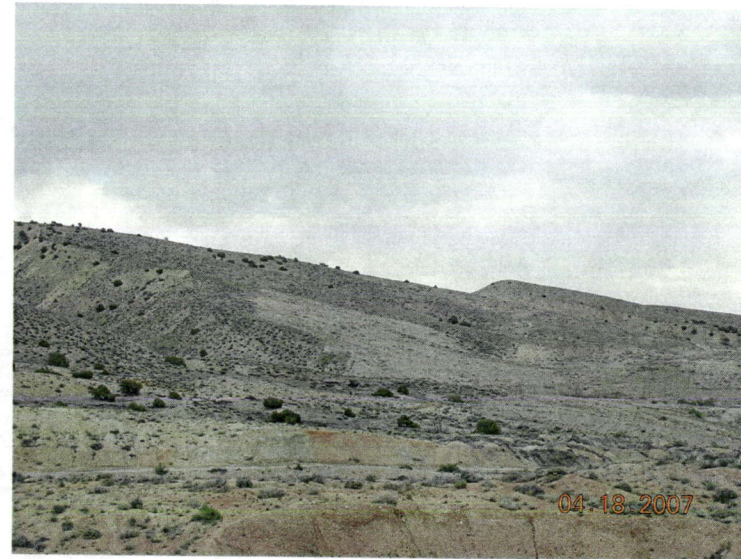


Photo 4. The lighter colored area on the hill near the center of this photo was apparently disturbed by previous mining operations.



Photo 5. What appears to be a waste dump is in the center right of this photo.



Photo 6. Just to the left of center is an area that was once a hill that was mined for asphalt.



Photo 7. This is the area the operator proposes to mine.